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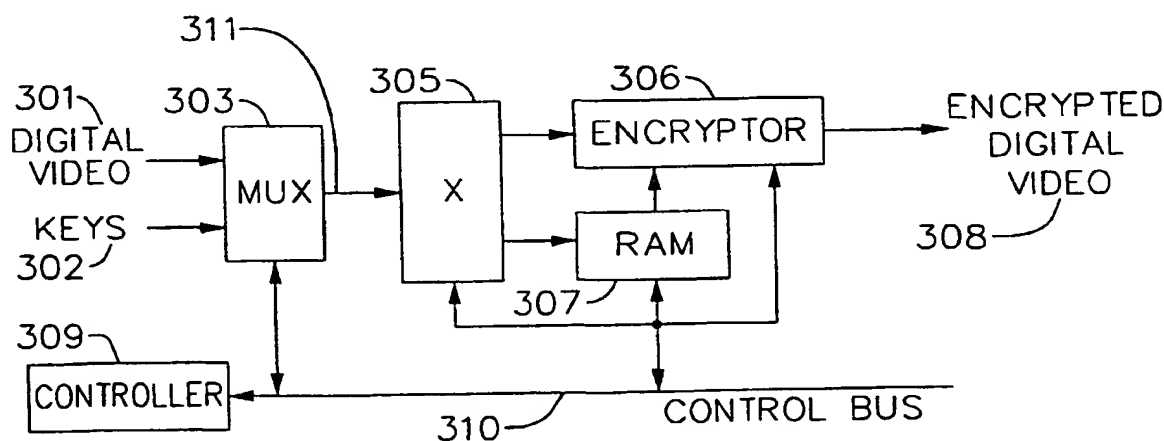
(43) International Publication Date
8 November 2001 (08.11.2001)

PCT

(10) International Publication Number
WO 01/84836 A3

- (51) International Patent Classification⁷: **H04N 5/913**
- (21) International Application Number: **PCT/US01/13423**
- (22) International Filing Date: **27 April 2001 (27.04.2001)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
60/200,194 28 April 2000 (28.04.2000) **US**
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- (81) Designated States (national): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.**
- (84) Designated States (regional): **ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).**
- Published:**
— with international search report
- (88) Date of publication of the international search report:
4 April 2002
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **CRYPTOGRAPHIC KEY DISTRIBUTION SYSTEM AND METHOD FOR DIGITAL VIDEO SYSTEMS**



(57) Abstract: A system and method for distribution of cryptographic keys to data encryption and decryption devices used to protect digital video/multimedia data transmitted over a display link between a digital video/multimedia source and a display device are provided. The digital data (302) from a digital video/multimedia source, such as, for example, a Digital Versatile Disk (DVD) player, is encrypted (306) prior to transmission on the display link. The encrypted digital video/multimedia data (308) is received from the display link transmitter, decrypted and sent to a display device. Secure digital data input lines are used to load cryptographic keys (302) into RAM (307) on the same integrated circuit as the encryption device (306). A public key system is used to cipher the video decryption keys, so that the decryption keys can be sent to the display link receiver. Use of key management and storage that are external to the data encryption or decryption devices enables downloading of new keys from external key sources.

WO 01/84836 A3

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N5/913

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 951 019 A (HITACHI, LTD.) 20 October 1999 (1999-10-20)</p> <p>the whole document --- -/--</p>	<p>1, 2, 4, 6-8, 10, 12, 16, 18, 19, 22, 24, 26, 27, 30, 32, 34, 35, 38, 40, 42-45</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- *&* document member of the same patent family

Date of the actual completion of the international search

28 November 2001

Date of mailing of the international search report

05/12/2001

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/13423

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

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International Application No

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